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```
((mutiple <near/1> beam*) OR
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<near/2> hop*)
```

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46 **The OLYMPUS spacecraft antenna farm**

Culham, B.J.;

Antennas and Propagation Society International Symposium, 1989. AP-S.

Digest , 26-30 June 1989

Pages:519 - 522 vol.1

[\[Abstract\]](#)

[\[PDF Full-Text \(148 KB\)\]](#)

IEEE CNF

47 **Closer spacing of geostationary satellites through adaptive nulling at the ground terminal**

Burrows, M.;

Antennas and Propagation, IEEE Transactions on [legacy, pre - 1988] , Volume:

35 , Issue: 7 , Jul 1987

Pages:870 - 873

[\[Abstract\]](#)

[\[PDF Full-Text \(456 KB\)\]](#)

IEEE JNL

48 **Area coverage adaptive nulling from geosynchronous satellites: Phased arrays versus multiple-beam antennas**

Mayhan, J.;

Antennas and Propagation, IEEE Transactions on [legacy, pre - 1988] , Volume:

34 , Issue: 3 , Mar 1986

Pages:410 - 419

[\[Abstract\]](#)

[\[PDF Full-Text \(976 KB\)\]](#)

IEEE JNL

49 **Scheduling in Multibeam Satellites with Interfering Zones**

Gopal, I.; Bonuccelli, M.; Wong, C.;

Communications, IEEE Transactions on [legacy, pre - 1988] , Volume: 31 , Issue:

8 , Aug 1983

Pages:941 - 951

[\[Abstract\]](#)

[\[PDF Full-Text \(1328 KB\)\]](#)

IEEE JNL

50 **DSCS III--Becoming an Operational System**

Ellington, T.;

Communications, IEEE Transactions on [legacy, pre - 1988] , Volume: 28 , Issue:

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61 **Scheduling in Multibeam Satellites with Interfering Zones**

Gopal, I.; Bonuccelli, M.; Wong, C.;

Communications, IEEE Transactions on [legacy, pre - 1988] , Volume: 31 , Issue: 8 , Aug 1983

Pages:941 - 951

[\[Abstract\]](#) [\[PDF Full-Text \(1328 KB\)\]](#) IEEE JNL

62 **Broad-band wide-angle quasi-optical polarization rotators**

Amitay, N.; Saleh, A.;

Antennas and Propagation, IEEE Transactions on [legacy, pre - 1988] , Volume: 31 , Issue: 1 , Jan 1983

Pages:73 - 76

[\[Abstract\]](#) [\[PDF Full-Text \(456 KB\)\]](#) IEEE JNL

63 **Narrow multibeam satellite ground station antenna employing a linear array with a geosynchronous arc coverage of 60°, part II: Antenna design**

Gans, M.; Amitay, N.;

Antennas and Propagation, IEEE Transactions on [legacy, pre - 1988] , Volume: 31 , Issue: 6 , Nov 1983

Pages:966 - 972

[\[Abstract\]](#) [\[PDF Full-Text \(640 KB\)\]](#) IEEE JNL

64 **Symmetrical crossed rectangular horn for a circularly polarized multiple-beam reflector antenna**

Toyama, N.;

Antennas and Propagation, IEEE Transactions on [legacy, pre - 1988] , Volume: 31 , Issue: 1 , Jan 1983

Pages:202 - 206

[\[Abstract\]](#) [\[PDF Full-Text \(464 KB\)\]](#) IEEE JNL

65 **A dual-band TEM lens for a multiple beam antenna system**

Luh, H.; Smith, T.; Scott, W.;

Antennas and Propagation, IEEE Transactions on [legacy, pre - 1988] , Volume:

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31 **A fast packet switching satellite communication network**

Del Re, E.; Fantacci, R.;

INFOCOM '91. Proceedings. Tenth Annual Joint Conference of the IEEE Computer and Communications Societies. Networking in the 90s. IEEE , 7-11 April 1991
Pages:445 - 453 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(504 KB\)\]](#) IEEE CNF

32 **Adaptive arrays in packet radio**

Compton, R.T., Jr.; Ward, J.;

Signals, Systems and Computers, 1991. 1991 Conference Record of the Twenty-Fifth Asilomar Conference on , 4-6 Nov. 1991
Pages:979 - 983 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(372 KB\)\]](#) IEEE CNF

33 **Random access for a multibeam satellite with dynamic transponder switching**

Wu, C.-S.; Li, V.O.K.;

Communications, IEEE Transactions on , Volume: 37 , Issue: 6 , June 1989
Pages:651 - 655

[\[Abstract\]](#) [\[PDF Full-Text \(380 KB\)\]](#) IEEE JNL

34 **Random access for a multibeam satellite with dynamic transponder switching**

Wu, C.-S.; Li, V.O.K.;

INFOCOM '88. Networks: Evolution or Revolution? Proceedings. Seventh Annual Joint Conference of the IEEE Computer and Communications Societies., IEEE , 27-31 March 1988
Pages:1022 - 1031

[\[Abstract\]](#) [\[PDF Full-Text \(412 KB\)\]](#) IEEE CNF

35 **Path allocation access control in fiber optic communication systems**

Ganz, A.; Chlamtac, I.;

INFOCOM '88. Networks: Evolution or Revolution? Proceedings. Seventh Annual

EAST 09/599,150
Due 3/11/04

L Number	Hits	Search Text	DB	Time stamp
2	✓ 2	5596722.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 16:29
3	✓ 2	EP-820208-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 13:05
6	✓ 2	5875181.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 13:05
4	✓ 2	EP-889605-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 13:05
5	✓ 2	EP-987837-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 15:38
7	✓ 108	(color ADJ1 control\$3) AND satellite\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 15:41
8	557	(polariz\$6 SAME (multi\$1beam\$1 OR beam\$1 OR spot\$1 OR cell\$1)) AND (370/\$6.ccls. OR 455/\$6.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 15:43
9	✓ 329	(polariz\$6 SAME (multi\$1beam\$1 OR beam\$1 OR spot\$1 OR cell\$1)) AND (370/\$6.ccls. OR 455/\$6.ccls.) AND satellite\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 16:13
11	✓ 105	(multiple ADJ1 beam ADJ1 array\$1) OR (MBA SAME satellite\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 16:33
12	✓ 59	((multiple ADJ1 beam ADJ1 array\$1) OR (MBA SAME satellite\$1)) AND (ATM OR packet\$1 OR switch\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 16:21
13	✓ 11	(beam\$1 ADJ1 hop\$3) SAME packet\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 16:25
14	✓ 2	5905443.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 16:26
15	✓ 12	5596722.URPN.	USPAT	2004/03/11 16:28
16	✓ 2	GB-2336508-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 16:31
17	✓ 2	EP-416462-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 16:31

18	1405	((multiple ADJ1 beam) OR multi\$1beam OR MBA) AND satellite\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPÄT	2004/03/11 16:34
21	✓ 10	("5432777" "5517497" "5600629" "5736959" "5875181" "5991279" "6173176" "6205473" "6215776" "6310893").PN.	USPAT	2004/03/11 16:49
22	✓ 1	6430167.URPN.	USPAT	2004/03/11 16:50
23	✓ 6	("5432777" "5459720" "5517497" "6157621" "6178169" "6310893").PN.	USPAT	2004/03/11 16:51
24	✓ 0	6404749.URPN.	USPAT	2004/03/11 16:52
25	✓ 2	6295283.URPN.	USPAT	2004/03/11 16:54
26	✓ 4	("5432777" "5517497" "5736959" "5822310").PN.	USPAT	2004/03/11 16:54
27	✓ 298	((multiple ADJ1 beam) OR multiple\$1beam\$1 OR multi\$1beam\$1 OR MBA) AND satellite\$1 AND (packet\$1 OR ATM)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPÄT	2004/03/11 17:03
29	✓ 4	5875181.URPN.	USPAT	2004/03/11 17:31
30	✓ 6	("4425639" "5084900" "5245612" "5539730" "5553069" "5566164").PN.	USPAT	2004/03/11 17:34
-	15148	satellite\$1 AND (packet\$1 OR ATM)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPÄT	2003/10/16 09:30
-	2090	beam\$1 SAME (packet\$1 OR ATM)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPÄT	2003/10/16 10:57
-	341	(satellite\$1 AND (packet\$1 OR ATM)) AND (beam\$1 SAME (packet\$1 OR ATM))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPÄT	2003/10/16 10:50
-	5	("5227802" "5408237" "5642358" "5739784" "6173178" "2001/0018327").PN.	USPAT	2003/10/16 09:56
-	10	("5432777" "5517497" "5600629" "5736959" "5875181" "5991279" "6173176" "6205473" "6215776" "6310893").PN.	USPAT	2003/10/16 10:12
-	4	("5432777" "5517497" "5736959" "5822310").PN.	USPAT	2003/10/16 10:20
-	3	("5530902" "5805816" "6002675").PN.	USPAT	2003/10/16 10:23
-	2	6240075.URPN.	USPAT	2003/10/16 10:23
-	2	6295283.URPN.	USPAT	2003/10/16 10:23
-	26526	linski.in. OR berger.in. OR nivens.in. OR harmon.in. OR tramm.in. OR white.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPÄT	2003/10/16 10:51
-	302	(linski.in. OR berger.in. OR nivens.in. OR harmon.in. OR tramm.in. OR white.in.) AND satellite\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPÄT	2003/10/16 10:52
-	83	(linski.in. OR berger.in. OR nivens.in. OR harmon.in. OR tramm.in. OR white.in.) AND satellite\$1 AND (rout\$3 NOT routine)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPÄT	2003/10/16 10:52
-	2	6430167.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPÄT	2003/10/16 10:56

-	24803	(rout\$3 NOT routine) SAME (packet\$1 OR ATM)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/16 10:57
-	2947	((rout\$3 NOT routine) SAME (packet\$1 OR ATM)) AND (satellite\$1 AND (packet\$1 OR ATM))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/16 10:58
-	57597	beam\$1 SAME array\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/16 10:59
-	98	(satellite\$1 AND (packet\$1 OR ATM)) AND ((rout\$3 NOT routine) SAME (packet\$1 OR ATM)) AND (beam\$1 SAME array\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/16 10:59
-	103	ferrite ADJ1 switch\$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/16 12:47
-	17	(ferrite ADJ1 switch\$2) AND satellite\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/16 12:47
-	2	6430393.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/16 13:55
-	2	6377558.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/16 16:32
-	46	feed\$1horn\$1 SAME array SAME reflect\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/16 16:35
-	1	(feed\$1horn\$1 SAME array SAME reflect\$4) AND bulter	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/16 16:36